

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/645445
Filing Date	8/21/2003
First Named Inventor	LAURENCE, George M.
Art Unit	1746
Examiner Name	CAEP/llw
Attorney Docket Number	P00755-US-01 (21348.0001)

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
hsc		US- 6,598,805 B2	07-29-2003	Sakai et al.	
hsc		US- 6,578,777 B2	06-17-2003	Bui	
hsc		US- 6,105,204	08-22-2000	Scharwat	
hsc		US- 6,062,486	05-16-2000	Hill	
hsc		US- 6,029,909	02-29-2000	Smith	
hsc		US- 5,165,604	11-24-1992	Copp, Jr.	
hsc		US- 5,058,807	10-22-1991	Smith	
hsc		US- 4,850,809	07-25-1989	Smith	
hsc		US- 4,569,483	02-11-1986	Oberdorfer	
hsc		US- 4,413,785	11-08-1983	Engelbert et al.	
hsc		US- 3,797,744	03-19-1974	Smith	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² Number ³ Kind Code ⁴ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
hsc		JP P2000-202326-A	07-25-2000		discloses a type of nozzle.
		JP-8-141448	1996		discloses a type of nozzle.
		JP-4-66150	1992		discloses a type of nozzle.
		JP-3-143558	06-19-1991		

Examiner Signature	<i>[Signature]</i>	Date Considered	2/10/05
--------------------	--------------------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

no translation
or relevance
provided
not considered